

Converting Colors

YIQ(94.9910, 39.7500, 6.4860)

Have a look what the booklet for
YIQ(94.9910, 39.7500, 6.4860)
contains.

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Color

**YIQ(94.9910, 39.7500,
6.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	89503E
RGB	137, 80, 62
RGB Percent	54%, 31%, 24%
CMY	0.4626, 0.6864, 0.7567
CMYK	0.00, 0.42, 0.55, 0.46
HSL	14°, 38%, 39%
HSV	14°, 55%, 54%
XYZ	14.0593, 11.4031, 6.0237
YIQ	94.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

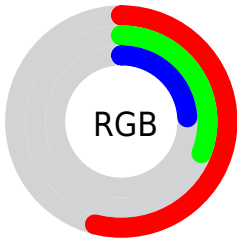
Format	Color
R_{YB}	137, 86, 62
Decimal	8998974
CIE _{Lab}	40.25, 21.97, 20.78
CIE _{LCh}	40, 30.237, 43.404
Yxy	11.4031, 0.4465, 0.3622
Android (android.graphics.Color)	4287189054 (0xFF89503E)
YUV	94.9910, -16.2646, 36.8419
Hunter-Lab	33.7685, 15.2226, 13.0616

Details

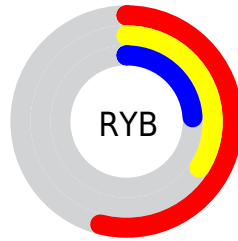
The YIQ color **94.9910, 39.7500, 6.4860** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104.0090, -39.7500, -6.4860**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.5570, 43.9680, 7.1360**, and **47.2400, 34.6150, 5.9350** is the 20% darker color. If you saturate the color by 10%, you get **87.5250, 46.9940, 7.3620**, and if you desaturate by 10%, it is **102.4570, 32.5060, 5.6100**.

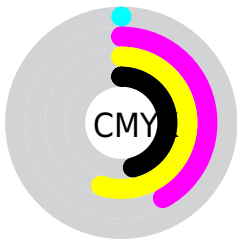
Distribution



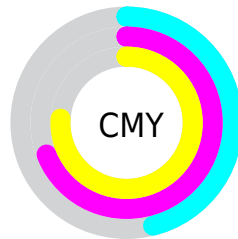
- Red (54%)
- Green (31%)
- Blue (24%)



- Red (54%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (55%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.9910, 39.7500, 6.4860 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 94.9910, 39.7500, 6.4860 by changing the saturation by 10% instead.

94.9910, 39.7500,
6.4860

94.9910, 39.7500,
6.4860

255.0000, -0.0000,
-0.0000

70.3220, 37.3200,
6.4720

146.5570, 43.9680,
7.1360

47.2400, 34.6150,
5.9350

173.3400, 46.0770,
7.4610

24.3860, 31.2680,
6.0200

200.9380, 47.2690,
7.8850

10.8780, 21.1350,
7.9430

221.6480, 33.2860,
2.4860

0.0000, 0.0000,
0.0000

241.1620, 16.9190,
-3.7610

253.8600, 3.2100,

-3.1100

■ 94.9910, 39.7500,
6.4860

■ 94.9910, 39.7500,
6.4860

■ 87.5250, 46.9940,
7.3620

■ 102.4570, 32.5060,
5.6100

■ 79.5860, 54.1920,
9.0720

■ 110.3960, 25.3080,
3.9000

■ 72.1200, 61.4360,
9.9480

■ 117.8620, 18.0640,
3.0240

■ 64.0670, 68.9550,
11.3470

■ 125.9150, 10.5450,
1.6250

■ 60.3340, 72.5770,
11.7850

■ 133.3810, 3.3010,
0.7490

■ 141.3200, -3.8970,
-0.9610

■ 148.7860,
-11.1410, -1.8370

■ 156.2520,
-18.3850, -2.7130

■ 164.1910,
-25.5830, -4.4230

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1730, 36.7220, 17.3140



94.9910, 39.7500, 6.4860



94.0790, 33.1500, -6.0660

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.9910, 39.7500, 6.4860



82.6930, -33.6490, -23.4490



93.9050, -27.0530, 11.2110

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



94.9910, 39.7500, 6.4860



104.0090, -39.7500, -6.4860

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3620, -65.6090, -5.9050



94.9910, 39.7500, 6.4860



75.3660, -63.4050, -23.8290

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9910, 39.7500, 6.4860



88.6010, -4.0310, -20.5670



76.8140, -70.2380, -15.6300



97.4310, 1.0050, 20.3410

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9910, 39.7500, 6.4860



92.1870, 23.7980, -12.7940



76.8140, -70.2380, -15.6300



90.4090, -37.4600, 7.0840

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94.9910, 39.7500, 6.4860



162.7800, 15.3590, 2.4870



91.0370, 26.0820, 33.9380



79.4310, 9.0320, 1.5120



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9910, 39.7500, 6.4860



112.7180, 62.6280, 10.3720



116.7100, 29.5750, -12.8650



65.2670, 3.6220, 0.4380



58.5510, 70.4680, 11.4600



2.0820, 2.7050, 0.5370

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104.0090, -39.7500, -6.4860



126.6950, -62.3530, -9.8490



82.2900, -29.5750, 12.8650



65.7330, -3.6220, -0.4380



74.4490, -70.4680, -11.4600



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 94.9910, 39.7500, 6.4860 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 94.9910, 39.7500, 6.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

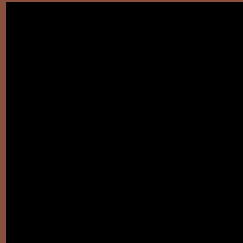
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.9910, 39.7500, 6.4860

Background



This preview shows how black text looks on a background with the YIQ color 94.9910, 39.7500, 6.4860.



This preview shows how white text looks on a background with the YIQ color 94.9910, 39.7500,

6.4860.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.9910, 39.7500, 6.4860

Protanopia

94.3140, 13.4350, -6.7010

Deuteranopia

94.6420, 24.2550, -4.5530



Tritanopia

96.2220, 35.0260, 15.0100

Trichromacy



Original Color

94.9910, 39.7500, 6.4860

Protanomaly

94.7390, 22.6040, -2.1640

Deuteranomaly

94.8000, 29.8020, -0.4540

Tritanomaly

95.5980, 36.7230, 11.7870

Monochromacy



Original Color

94.9910, 39.7500, 6.4860

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.9910, 39.7500, 6.4860 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 80, 62)` looks like.

```
.text, #text, p{  
    color:rgb(137, 80, 62)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 80, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 80, 62) }
```

Border

The CSS property to change the border of an element to YIQ 94.9910, 39.7500, 6.4860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 80, 62) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 80, 62) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 80, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 80, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 80, 62);  
box-shadow:4px 4px 4px 4px rgb(137, 80,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 94.9910, 39.7500, 6.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 80, 62) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137, 80,  
62) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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